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reaching beyond tail. General plumage dull dark bistre, darkest on the head above and back; the posterior lower parts paler and more reddish; throat and neck much tinged with pale rusty; this obsoletely bordering the feathers, which here have fine whitish filaments attached to the shafts; primaries uniform black. Tail like the rump, but with a more hoary tinge, (*not* paler at the tip,) and crossed with seven or eight very narrow obscure bars of darker, the last of which is distant an inch or more from the end. Lining of wing dark bistre, much tinged with rusty, this prevalent toward the edge; under surface of primaries white anterior to their emargination, beyond which they are ashy, approaching black at ends; ashy portion with distant, very obsolete dusky bars. No white anywhere about the head or neck.

Wing, 10.00; tail, 5.80; tarsus, 2.70; middle toe, 1.40; inner, .90; outer, 1.10; posterior, .80; hind claw, 1.00 (chord); inner claw, .91; on front of tarsus, 12 exposed, large transverse scutellæ; only 1.70 of the tarsus exposed.

This very peculiar hawk is, in all respects, utterly unlike any other American species. So much does it differ in structure, that we do not feel sure that it is not from some portion of the Old World, instead of from California.

However, we have searched in vain for descriptions which might apply to it, and have also examined, but without success, the large collection of exotic, as well as American, species in the museum of the Philadelphia Academy.

We take pleasure in dedicating this apparently-new species to Mr. Gruber, the collector and donor of the specimen, this gentleman, who is a zealous naturalist and accomplished taxidermist of San Francisco, having added much to our knowledge of the birds of California, through the frequent contribution of valuable specimens.

The following reports were read and referred to the Publication Committee:

LIBRARIAN'S REPORT.

The Librarian respectfully reports that the number of additions to the Library from Jan. to Dec. 1870, inclusive, amounts to 1225.

Of these 128 were volumes, 970 pamphlets and 127 newspapers, maps and photographs. They were derived from the following sources:

Societies, 497; Editors, 319; Wilson Fund, 122; Authors, 101; Norwegian Government, 19; Geological Survey of Sweden, 11; Chilean Government, 11; Publishers, 8; Elias Durand, 7; Geological Survey of India, 6; Thos. Meehan, 5; Minister of Public Works in France, 5; Geological Survey of Italy, 5; Publication Committee, 4; Messrs. Townsend & Adams, 4; Smithsonian Inst., 3; Wm. S. Vaux, 2; Col. Jas. Greer, 2; U. S. Coast Survey, 2; Treasury Department, 3; O. C. Marsh, 1; Jos. Leidy, 1; Chas. G. Atkins, 1; Jos. Jeanes, 1; D. F. Boyd, 1; Secretary of State for India, 1; 69 books and continuations were purchased, and a valuable suite of Blume's Botanical Works, comprising 14 volumes, was presented by the following gentlemen: Jos. Jeanes, A. J. Brasier, G. W. Tryon, Jr., J. H. Redfield, Isaac Lea, Wm. S. Vaux, Thos. Meehan, E. Durand and Chas. Schaffer, M. D.

These additions were distributed to the different departments of the Library as follows:

Journals, 948; Geology, 65; General Natural History, 48; History, 36; Conchology, 26; Botany, 24; Physical Science, 22; Ornithology, 18; Anatomy, 14; Entomology, 7; Bibliography, 4; Helminthology, 3; Herpetology, 3; Ichthyology, 2; Voyages and Travels, 2; Mineralogy, 2; Chemistry, 1.

In addition 3 volumes and 104 pamphlets were received through the Conchological Section.

During the year some of the duplicate books and pamphlets which had from time to time accumulated on our shelves were exchanged for a copy of

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Elliott's Birds of North America, and the remainder were disposed of at auction in New York for \$100.00.

I take this opportunity of again calling your attention to the expediency of selling the valuable Fine Art and literary works now in the Library. If this plan be adopted the means at the disposal of the Library Committee for procuring books absolutely necessary to the working members of the Academy will be greatly increased.

Blank forms, for the use of those wishing to apply for new books, have been prepared by order of the Council, and will be ready for use by the beginning of the year.

All of which is respectfully submitted,

EDWARD J. NOLAN, *Librarian*.

REPORT OF THE CURATORS.

The Museum of the Academy, in charge of the Curators, is in about the same condition that was indicated in the last annual report. The Conchological Section continues actively to arrange in order the large cabinet in its care. Other departments remain with but little progress towards arrangement.

The Curators regret to add that nothing further has been done, during the last year, towards completing the suggested plan of providing a new building for the accommodation of the Academy.

The Curators take pleasure in stating that the proposition, in their last annual report, to make a small charge of admission to the Museum, with the special view of moderating excessive crowds, having, with the authority of the Academy, been put into effect, has been found to meet all requirements. The charge of ten cents for each person, which was commenced the first of May, is so small as to be an inconvenience to no one really desirous of examining the Museum, while it is sufficient to prevent the crowds, which formerly were so great an annoyance. At the same time, the income derived from the fees is found to be sufficient to keep the Museum in a proper condition of cleanliness and repair.

The donations during the year to the different departments of the Museum are as follows:

Mammals.—A mounted specimen of the Grizzly Bear, one of the Fisher, of California, and one of the Howling Monkey, from Honduras, presented by Dr. George Hewston, of San Francisco, Cal. Skin and skeleton of the Sea Lion, (*Eumetopias Stelleri*) from Cape Arenas, Cal., and several skins of smaller mammals from Alaska, presented by Dr. Geo. Davidson, U. S. Coast Survey.

Birds.—One hundred and fifty bird-skins from the West Indies, being types of the principal birds of the Antilles; and nineteen other skins, presented by the Smithsonian Institution. A collection of bird skins from California and Alaska, presented by Dr. George Davidson.

Reptiles and Fishes.—A small collection of lizards and serpents from near Pensacola and Perdido R., presented by Dr. John M. Kollock. A collection of reptiles and fishes from California and Alaska, presented by Dr. George Davidson. A serpent from Kansas, presented by S. R. Roberts. A *Trigonocephalus* half swallowed by *Oxyrrhopus plumbeus*, from St. Lucia, W. I., presented by Mrs. Capt. James S. Endicott, of Somer's Point, N. J. A small collection of reptiles, presented by A. C. Craig.

Mollusks.—For donations see Conservator's Report of the Conchological Section.

Articulates.—A collection of Myriapods from Missouri, presented by Charles Veatch; of Spiders in alcohol, by A. C. Craig; a Centipede, from the Apure 1870.]